BIANCHI PLANETARIUM LECTURES PRESENTED IN 2011

Date of the lecture: May-12-2010
Title of the lecture: The JUNO Mission to Jupiter.
Speaker: Mr. Steven Matousek, JPL

Date of the lecture: Apr-14-2011
Speaker: Dr. Tim Larson, JPL

Date of the lecture: Mar-18-2010
Title of the lecture: Total Solar Eclipse at the Navel of the World.
Speaker: Mr. Matt Ventimiglia, CSUN

Date of the lecture: Feb-18-2011
Title of the lecture: Extrasolar Planets.
Speaker: Mr. John Hodgson, CSUN

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Date of the lecture: Nov-19-2010
Title of the lecture: Robotic Solar System Exploration: Progress and Challenges.
Speaker: Mr. Larry Mathies, JPL

Date of the lecture: Oct-22-2010
Title of the lecture: Using NASA Satellites to Study the Earth’s Climate.
Speaker: Dr. Eric Fetzer, JPL, Caltech

Date of the lecture: Oct-08-2010
Title of the lecture: Mapping the Infrared Sky with WISE.
Speaker: Dr. Peter Eisenhardt, JPL, Caltech

Date of the lecture: Sep-24-2010
Title of the lecture: 100 Years of Discovery at Mt. Wilson Observatory.
Speaker: Mr. Mike Simmons, President of AWB

Date of the lecture: May-07-2010
Title of the lecture: What is New with Comets.
Speaker: Dr. Dennis Bodewits, GSFC

Date of the lecture: Apr-14-2010
Title of the lecture: Strolling through the Heavens – An Introduction to the Constellations of the Winter and Spring Skies.
Speaker: Mr. John Hodgson, CSUN

Date of the lecture: Mar-26-2010
Title of the lecture: The Hidden Oceans of Europa.
Speaker: Dr. Robert Pappalardo, JPL

Date of the lecture: Mar-12-2010
Title of the lecture: An Oriental Eclipse for the Century.
Speaker: Mr. Matt Ventimiglia, CSUN

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BIANCHI PLANETARIUM LECTURES PRESENTED IN 2009

Date of the lecture: Dec-08-2009
Title of the lecture: The Really Big Picture: Things We Know about the Universe, and How We Know Them.
Speaker: Dr. Charles Lawrence, JPL

Date of the lecture: Nov-06-2009
Title of the lecture: Strolling through the Heavens – An Introduction to the Constellations of the Summer and Autumn Skies.
Speaker: Mr. John Hodgson, CSUN

Date of the lecture: Oct-23-2009
Title of the lecture: Rainbows, Red Sunsets and Rocket Science Revisited.
Speaker: Dr. David J. Diner, JPL

Date of the lecture: May-08-2009
Title of the lecture: Cassini Visits Saturn’s Active Moon Enceladus.
Speaker: Dr. Amanda Hendrix, JPL

Date of the lecture: Apr-24-2009
Title of the lecture: Strolling through the Heavens – An Introduction to the Constellations of the Winter and Spring Skies.
Speaker: Mr. Andrew Vandenberg and Mr. John Hodgson, CSUN

Date of the lecture: Mar-27-2009
Speaker: Dr. Richard Cook, JPL

Date of the lecture: Mar-13-2009
Title of the lecture: The Search for Planets Orbiting Nearby Stars.
Speaker: Dr. Damian Christian, CSUN

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### BIANCHI PLANETARIUM LECTURES PRESENTED IN 2008

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<th>Date of the lecture</th>
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<td>Oct-24-2008</td>
<td>Arctic Adventure: Chasing a Total Solar Eclipse in the Land of Midnight Sun.</td>
<td>Mr. Matt Ventimiglia, CSUN</td>
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<td>Oct-17-2008</td>
<td>Building Palomar’s Big Eye.</td>
<td>Dr. Scott Kardel, Cal Tech</td>
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<td>Oct-03-2008</td>
<td>The Dark Side of Sunspots.</td>
<td>Dr. Debi Prasad Choudhary, CSUN</td>
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<td>Apr-25-2008</td>
<td>Exploring the Nature of Planets Around Other Stars.</td>
<td>Dr. Brad Hansen, UCLA</td>
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<td>Mar-28-2008</td>
<td>Finding Planets around Other Stars.</td>
<td>Dr. David Ciardi, Michelson Science Center and Cal Tech</td>
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<td>Mar-07-2008</td>
<td>Predicting Climate Change: Removing the Mystery.</td>
<td>Dr. Duane Waliser, Cal Tech and JPL</td>
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<td>Nov-09-2007</td>
<td>Final Frontier: the Dream, History, and Future of Space Flight.</td>
<td>Mr. Matt Ventimiglia, CSUN</td>
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<td>Oct-12-2007</td>
<td>The Dawn Mission to the Asteroid Belt.</td>
<td>Dr. Mark Rayman, JPL</td>
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<td>Sep-28-2007</td>
<td>Voyager: 30 years in Space.</td>
<td>Dr. Alan Cummings, Cal Tech and JPL</td>
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<td>May-11-2007</td>
<td>The Last Days of the Earth.</td>
<td>Dr. Mark Morris, UCLA</td>
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<td>Apr-27-2007</td>
<td>Phoenix Mars Scout Mission and the Search for Extant Water Ice.</td>
<td>Dr. Deborah Bass, JPL</td>
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<td>Mar-09-2007</td>
<td>From Continental Drift to the Theory of Plate Tectonics.</td>
<td>Dr. Elizabeth Nagy-Shadman, CSUN</td>
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<td>Feb-23-2007</td>
<td>Comet Dust in Captivity: What Have We Learned from the Stardust Mission.</td>
<td>Dr. Kevin McKeegan, UCLA</td>
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<td>Feb-09-2007</td>
<td>The Planet Club: Why Pluto Got Kicked Out, and Why Earth is So Special.</td>
<td>Dr. Amanda Mainzer, JPL</td>
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<td>Nov-17-2006</td>
<td>Meteorites and Asteroids.</td>
<td>Dr. Alan Rubin, UCLA</td>
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<td>Nov-03-2006</td>
<td>Mysterious Titan.</td>
<td>Ms. Trina Ray, JPL</td>
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<td>Oct-06-2006</td>
<td>Astronomy in Ancient Mediterranean: Chasing the Total Eclipse of March-29-2006.</td>
<td>Mr. Matt Ventimiglia, CSUN</td>
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<td>Sep-22-2006</td>
<td>Mars: The Adventure of Exploring the Red Planet.</td>
<td>Dr. David Senske, JPL</td>
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<td>May-19-2006</td>
<td>The Magnificent Voyage of Stardust.</td>
<td>Mr. Darren Baird, JPL and UCLA</td>
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<td>May-12-2006</td>
<td>Ultraviolet Photolysis of Amino Acids in Crystalline Water Ice: Can They Survive on Europa.</td>
<td>Drs. Grazyna Orzechovska and Jay Goguen, JPL</td>
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<td>May-09-2006</td>
<td>Phoenix After MER: From the Equator to the Poles of Mars.</td>
<td>Dr. Albert Haldemann, JPL</td>
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<td>Apr-124-2006</td>
<td>Winning the Cosmic Lottery.</td>
<td>Dr. Paul Weissman, JPL</td>
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<td>Mar-24-2006</td>
<td>The Latest from NASA’s Spitzer Space Telescope: From Planets to Deep Space.</td>
<td>Dr. Varoujan Goorjian, JPL and Cal Tech</td>
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<td>Mar-10-2006</td>
<td>The Worlds of the Outer Solar System.</td>
<td>Dr. David Senske, JPL</td>
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<td>Feb-17-2006</td>
<td>The Latest Results from Cassini: Enceladus.</td>
<td>Mr. David F. Coppedge, JPL</td>
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Date of the lecture: Dec-9-2005  
Title of the lecture: Age and Evolution of the Earth: Three Revolutions in One Century.  
Speaker: Dr. James Powell, USC

Date of the lecture: Dec-2-2005  
Title of the lecture: Astronomy and the Chinese Calendar.  
Speaker: Dr. Paul Lee, CSUN

Date of the lecture: Nov-18-2005  
Title of the lecture: Special Relativity for Non-Scientists.  
Speaker: Dr. Skip Newhall, JPL

Date of the lecture: Nov-4-2005  
Title of the lecture: What Makes Planets Habitable?  
Speaker: Dr. David Stevenson, Cal Tech

Date of the lecture: Oct-28-2005  
Title of the lecture: The War of the Worlds: A Brief History of Martian Invasion.  
Speaker: Mr. Matt Ventimiglia, CSUN

Date of the lecture: Oct-21-2005  
Title of the lecture: High Resolution Astronomy near Downtown Los Angeles: Recent Results from the CHARA Array.  
Speaker: Dr. David Berger, University of Michigan

Date of the lecture: Oct-14-2005  
Title of the lecture: SIM – The Next Great Observatory.  
Speaker: Mr. Stephen Edberg, JPL and Cal Tech

Date of the lecture: Sep-30-2005  
Title of the lecture: Spirit and Opportunity: The Corps of Discovery for Mars.  
Speaker: Dr. John Callas, JPL

Date of the lecture: Sep-23-2005  
Title of the lecture: The Cassini/Huygens Mission to Saturn.  
Speaker: Mr. Robert Mitchell, JPL

Date of the lecture: Sep-9-2005  
Title of the lecture: Hubble Ultra Deep Field of Galaxies.  
Speaker: Dr. Michael Corbin, ASU and STScI

Date of the lecture: June-24-2005  
Speaker: Mr. David F. Coppedge, JPL
Date of the lecture:  May-20-2005
Title of the lecture:  The Solar Eclipse of April-8-2005.
Speaker:  Mr. Matt Ventimiglia, CSUN

Date of the lecture:  May-13-2005
Speaker:  Dr. Adriana Ocampo, JPL, Cal Tech

Date of the lecture:  May-6-2005
Title of the lecture:  Fact and Fiction in Cosmology.
Speaker:  Dr. Edward (Ned) Wright, UCLA

Date of the lecture:  April-29-2005
Title of the lecture:  Pluto, Sedna, and the Edge of the Solar System.
Speaker:  Dr. Michael Brown, Cal Tech

Date of the lecture:  April-22-2005
Title of the lecture:  Secret of Sound and Music.
Speaker:  Dr. David Bach, CSUN

Date of the lecture:  April-15-2005
Speaker:  Dr. Nathan Bridges, JPL

Date of the lecture:  April-1-2005
Title of the lecture:  Galaxy Train Wrecks.
Speaker:  Dr. Sarah Gallagher, UCLA

Date of the lecture:  March-18-2005
Title of the lecture:  Deep Impact: A Mission to Understand the Heart of a Comet.
Speaker:  Dr. Donald Yeomans, JPL

Date of the lecture:  March-04-2005
Title of the lecture:  Cosmic Jets: New Building Blocks of the Universe.
Speaker:  Dr. David Meier, JPL

Date of the lecture:  February-25-2005
Title of the lecture:  Cassini at Saturn, Huygens on Titan.
Speaker:  Dr. Kevin Grazier, JPL

Date of the lecture:  February-11-2005
Title of the lecture:  The Moon: Our Nearest Neighbor in Space.
Speaker:  Dr. Bonnie Buratti, JPL

Date of the lecture:  February-04-2005
Title of the lecture:  When the Pacific Speaks, The World Listens.
Speaker:  Dr. William Patzert, JPL
Date of the lecture: January–28–2005
Title of the lecture: The Perils of Living in Space: An Introduction to Space Weather
Speaker: Dr. Mark Moldwin, UCLA

Date of the lecture: January–21–2005
Title of the lecture: Mount Wilson Observatory – Then and Now; a Centennial Celebration.
Speaker: Mr. Don Nicholson, Mount Wilson Observatory Association and Institute

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Date of the lecture: December-10-2004
Title of the lecture: Search for the Christmas Star.
Speaker: Mr. John Mosley, Griffith Observatory

Date of the lecture: December-03-2004
Title of the lecture: Search for the Christmas Star.
Speaker: Mr. John Mosley, Griffith Observatory

Date of the lecture: November-19-2004
Title of the lecture: The Galaxy Evolution Explorer.
Speaker: Dr. Michael Rich, UCLA

Date of the lecture: November-12-2004
Title of the lecture: What’s Shaking and How We Measure It.
Speaker: Dr. Kate Hutton, JPL and Cal. Tech.

Date of the lecture: October-29-2004
Title of the lecture: Halloween Storms on the Sun.
Speaker: Dr. Debi Prasad Choudhary, CSUN

Date of the lecture: October-15-2004
Title of the lecture: Planets in Alignment– Venus in Transit.
Speaker: Mr. Matt Ventimiglia, CSUN

Date of the lecture: October-08-2004
Title of the lecture: As the World Turns and Changes Its Mass Distribution.
Speaker: Dr. Jean O. Dickey, JPL

Date of the lecture: October-01-2004
Title of the lecture: Spirit and Opportunity: Summer 2004 Adventure on Mars.
Speaker: Dr. Albert Haldemann, JPL

Date of the lecture: September-10-2004
Title of the lecture: The Quest to Detect Gravitational Waves.
Speaker: Dr. Peter Shawhan, Cal. Tech.

Date of the lecture: August-20-2004
Title of the lecture: Keck Interferometer – Planet Hunting and Other Astrophysics Done with High Resolution Imaging.
Speaker: Dr. Andrew J. Booth, JPL

Date of the lecture: July-30-2004
Title of the lecture: Rings of Saturn
Speaker: Dr. Linda J. Spilker, JPL
Date of the lecture: July-23-2004
Speaker: Dr. Theresa Lynn, Cal. Tech.

Date of the lecture: June-25-2004
Title of the lecture: Genesis – Search for Origins.
Speaker: Mr. Donald Sweetnam, JPL

Date of the lecture: June-4-2004
Title of the lecture: Understanding the Dark Universe.
Speaker: Dr. David B. Cline, UCLA

Date of the lecture: May-14-2003
Title of the lecture: The Cassini/Huygens Mission to Saturn and Titan.
Speaker: Dr. Kevin Grazier, JPL

Date of the lecture: May-7-2004
Title of the lecture: From New Stars to Black Holes: The Infrared View of the Universe from NASA’s Spitzer Space Telescope.
Speaker: Dr. Varoujan Gorjian, JPL

Date of the lecture: April-16-2004
Title of the lecture: In the Heat of the Night: Exploring the Invisible Universe.
Speaker: Dr. Michelle Thaller, JPL

Date of the lecture: April-9-2004
Title of the lecture: Galileo’s Odyssey: The Worlds of Jupiter.
Speaker: Dr. Rosaly M. Lopes, JPL

Date of the lecture: March-26-2004
Title of the lecture: The Icy Moon Europa May Contain a Liquid Ocean.
Speaker: Dr. John Olson, UCLA

Date of the lecture: February-13-2004
Title of the lecture: Relativistic Interstellar Travel
Speaker: Dr. Art Huffman, UCLA

Date of the lecture: January-31-2004
Title of the lecture: The STARDUST MISSION: The Return of Cometary Samples to Earth
Speaker: Dr. Kevin McKeegan, UCLA

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Mr. Matt Ventimiglia - Matt has traveled all over the world and observed four total solar eclipses, four annular eclipses, numerous lunar eclipses, and one transit of Venus and one transit of Mercury.

Mr. Robert Provin - Senior Information Technology Consultant and Lecturer in the Department of Geography at California State University, Northridge.

Professor Richard Rains - Professor of Physics and Astronomy at Los Angeles Mission College.

Professor Peter Collas - Professor of Physics in the Department of Physics and Astronomy at California State University, Northridge.

Professor Duane Doty - Professor of Physics in the Department of Physics and Astronomy at California State University, Northridge.

Professor Paul Lee - Professor of Physics in the Department of Physics and Astronomy at California State University, Northridge.

Professor Phil Plait - Professor of Astronomy in the Department of Physics and Astronomy at Sonoma State University, Sonoma, California.